CBASIC Compiler™

ABS	ERR	**PUBLIC**	STRINGS	AND
ERRL	**LEFT$**	PUT	SUB	ERROR
LEN	RANDOMIZE	TAB	**ASC**	**ERRX**
LET	READ	TAN	**ATTACH**	LINE

READONLY	**THEN**	**ATN**	EXP	REAL
TO	**EXTERNAL**	RECL	UCASE$	**CALL**
FEND	LOG	RECS	CHAIN	**FLOAT**
LPRINTER	REM	**CHR$**	**FOR**	REMARK

SIZE	DELETE	**INP**	OUT	SQR
INPUT	**PEEK**	STEP	DIM	INT
POKE	STOP	ELSE	**INT%**	**POS**
STR$	END	INTEGER	**PRINT**	STRING

GOSUB	**RND**	WIDTH	CONSTAT%	GOTO
NEXT	**SADD**	XOR	COS	**NOT**
SGN	IF	ON	SHIFT	**DATA**
INITIALIZE	OPEN	**SIN**	**DEF**	OR

FROM DIGITAL RESEARCH™ THE CREATORS OF CP/M

CBASIC Compiler™

The high performance native code BASIC compiler for software professionals creating business applications.

CBASIC Compiler is an enhanced CBASIC© with important advantages for software professionals. It's a native code compiler that allows separate modules to be written, tested, and then combined to create a complete program. CBASIC Compiler's fully-integrated graphics extensions allow you to write versatile graphics programs for a multitude of applications.

Faster Execution

CBASIC Compiler combines the speed of machine code with the ease of use of the BASIC language. A program compiled with CBASIC Compiler executes from eight to ten times faster than the same interpreted program.

Graphics Extensions

CBASIC Compiler includes a fully integrated set of graphics statements and functions. Device-independent graphics capability allows you to direct output to any graphics peripheral without recompiling your programs.

Decimal Arithmetic

Extended precision 14-digit decimal arithmetic assures that fractional parts of pound amounts will be exact, and that ledgers will balance to the penny.

CBASIC Compiler also supports integer arithmetic, so you can use integer variables to increase execution speed.

Source Code Compatibility

Source code written in CBASIC is upward compatible to CBASIC Compiler.

Multiple Line Functions

CBASIC Compiler's multiple line function (MLF) capability with multiple parameters provides features found in block-structured languages such as PL/I and Pascal. Local variables can be declared in an MLF. The MLF function may be declared as external, belonging to an entirely different program module.

Level of Difficulty

CBASIC Compiler is designed to meet the high performance needs of the software development professional or the experienced student of BASIC.

Hardware Requirements

CBASIC Compiler runs on the Amstrad CPC 464 with the DDI-1 disk drive, the CPC 664, CPC 6128 and PCW 8256 computers. Graphic programs require GSX which is supplied with the CPC 6128 and PCW 8256 only, and allows graphic images to be displayed on screen, or printed on the GSX supported printers and plotters.

Features Summary

- ☐ Speed
- ☐ Graphics extensions
- ☐ Extended precision decimal arithmetic
- ☐ Comprehensive string processing
- ☐ Source code compatible with CBASIC
- ☐ Multiple line functions



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Program CBASIC COMPILER FOR AMSTRAD

Version 2.0

Serial # 8018 -3000 002208

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CBASIC Compiler™

3" DISCS
FOR CP/M FORMAT
AMSTRAD EQUIPMENT